

ABSTRACT OF THE DISCLOSURE

An apparatus that generates wireless paging requests that are based at least in part on the technological capability of the mobile device to be paged. The apparatus comprises processing circuitry that is capable of generating paging request that are based at least partially on knowledge that the apparatus is capable of accessing relating to one or more technological capabilities of mobile devices. The processing circuitry is in communication with, or comprised by, the wireless network. When the wireless network broadcasts a paging request for a particular mobile device, the paging request preferably is only broadcast to cells that have the same technological capability of the mobile device being paged. By paging based at least in part on the technological capability of the mobile device, the number of pages issued can be greatly reduced, which reduces paging overhead and provides other advantages.

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